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#### Use Your Resources

- http://www.hunterindustries.com/
- http://www.rainbird.com/
- http://www.toro.com/en-us/pages/default.aspx
- http://www.orbitonline.com/
- •http://turf.ufl.edu/







#### How long to Water?

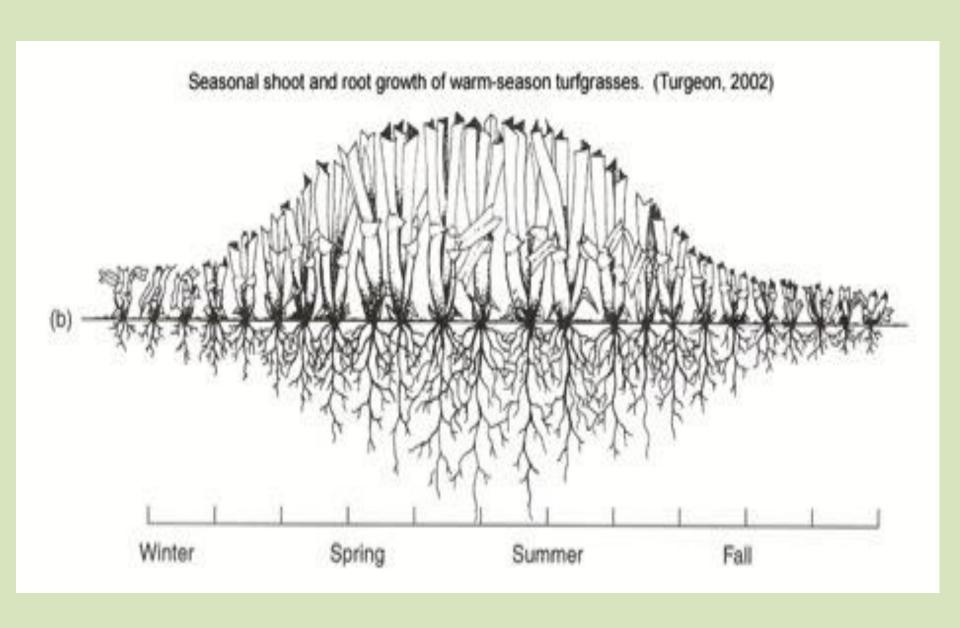
- •Hunter PGP
- •Hunter MP

Rotater

- Popups
- •Rainbird
- •Toro
- •Orbit
- •KB
- Impact sprinklers

- •Different times for each type of head
- •Avoid mixing heads in the same zone
- •Use the catch can test
- •½" to ¾" of water during each irrigation event
- •Watering restrictions



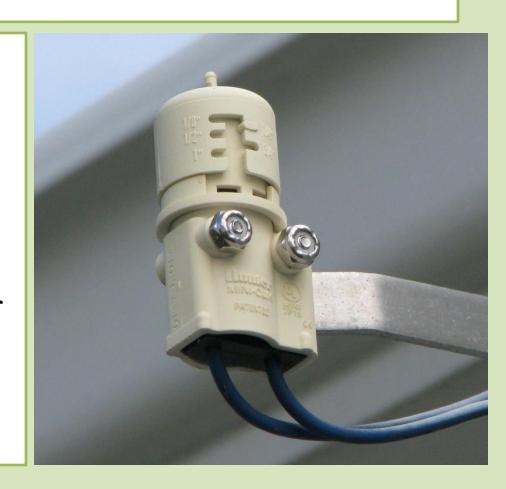


- •How Does It Work?
- •6 or 9 Zones
- •Valves
- Sprinklers
- •Rain Sensor
- Battery
- •Know Your Zones



#### Rain Sensors

- •Located at on the roofline
- •Turns system off after adequate rain
- •Inspect yearly to see if it functioning correctly







#### Soil Moisture Sensors

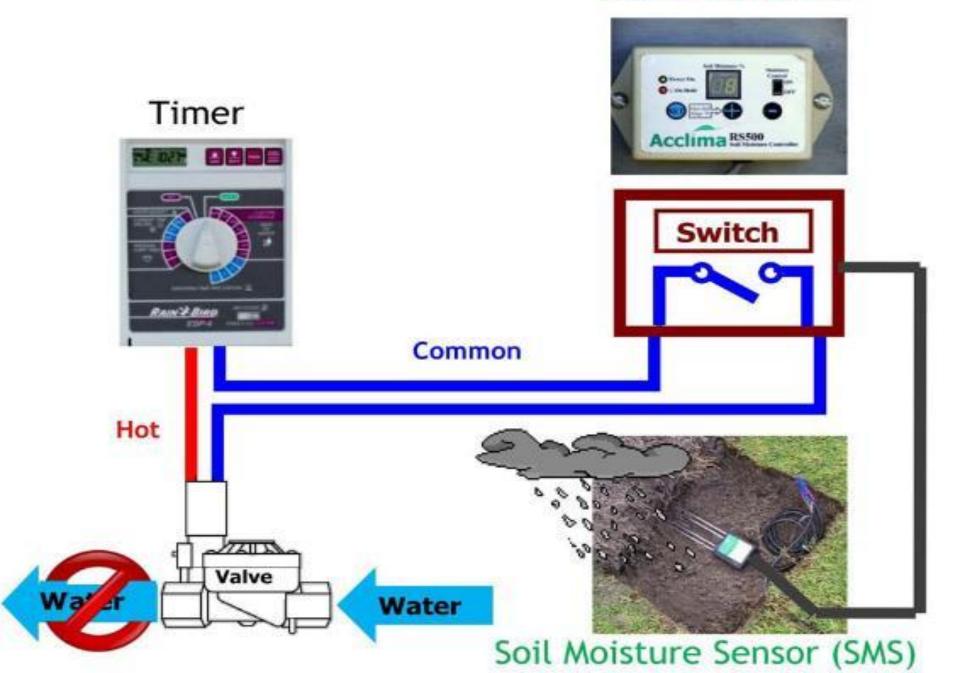
- •Acclima
- •Rainbird
- •Toro







#### SMS Controller









# No Geysers in The Villages



## Head to Head Coverage



#### Avoid irrigating in the middle of the day



## Repair Leaks and Broken Piping



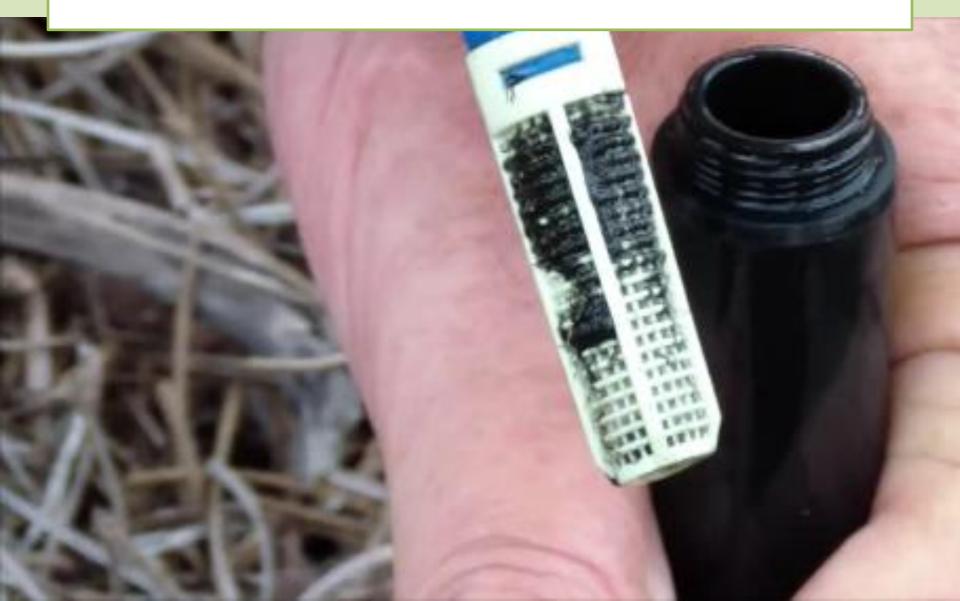




## Avoid Blocking Irrigation Heads



## Avoid Blocking Irrigation Heads



# Clean Donuts







# Irrigation Problem





# Irrigation Problem?





# Irrigation Problem?





## Watering Efficiently

- Promotes deep roots
- •Reduces pests and diseases
- •Reduces thatch
- •Water from 2-7 a.m.

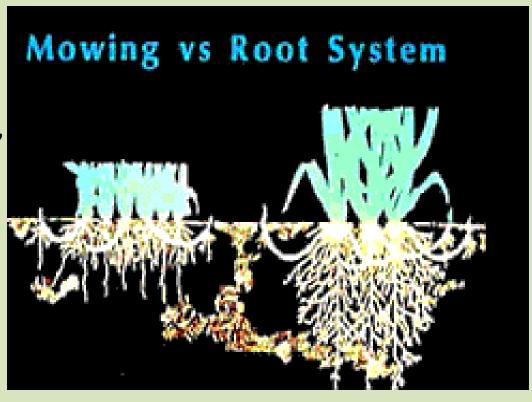




## Mow at the Right Height

Empire Zoysia grass
 2.0-2.5 inches

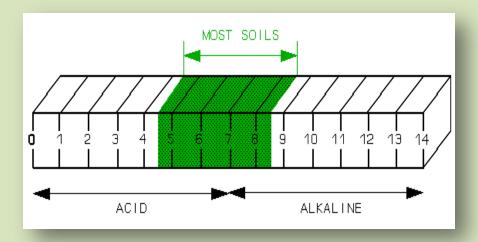
• St. Augustine "Floratam" 3.5 to 4.0 inches





#### Right Plant, Right Place

- Site Selection
- pH test prior to planting
- Compost
- Well-drained soil
- Full Sun















#### **Invasive Plants**

• Skunk vine

• Air potato





• Water hyacinth









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#### Common Mistakes

- Over-planting
- Plants planted too deeply
- Not sterilizing pruning tools
- Using chainsaws on palms

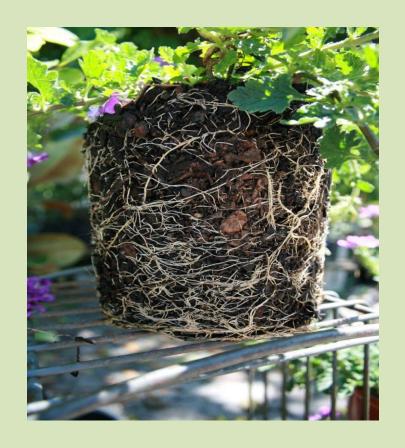






#### Inspect Roots

Root ball should stay intact
Not root bound
Check distribution of roots
B&B make sure root ball is not cracked



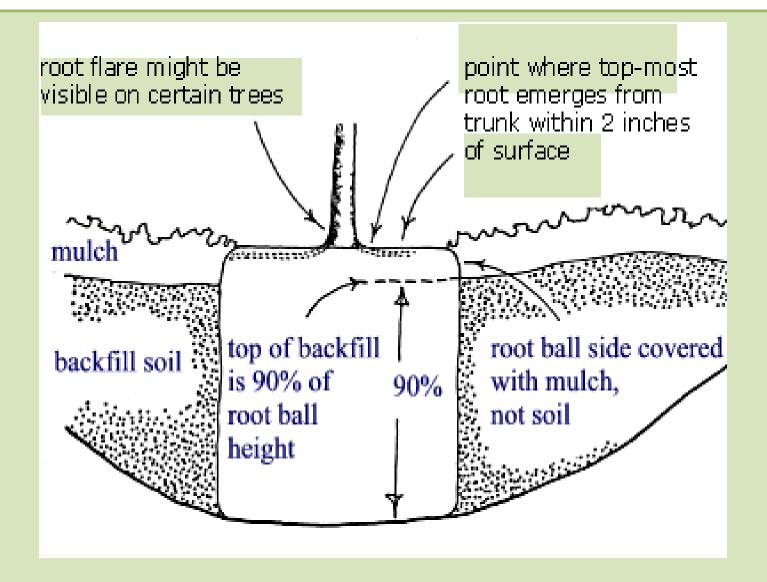


#### Root Bound

Shave Roots



# The "New" Planting Hole









#### Common Mistakes

- Improper Pruning
- Plants are planted too close to the house





# Fertilize Appropriately

- Slow or controlled release fertilizer
- Use iron in the summer
- Avoid weed & feeds
- Roses, palms, azaleas

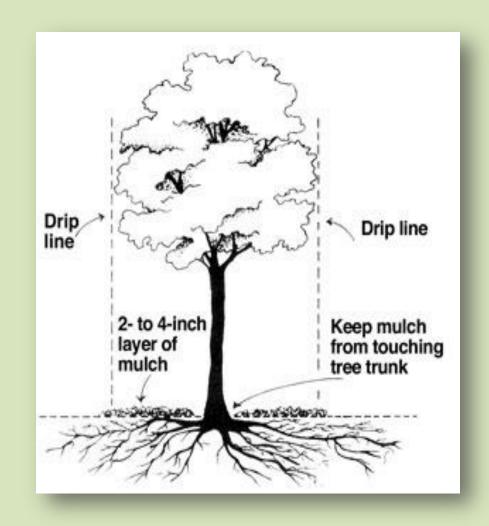




# Fertilize Appropriately

Apply around drip lineMarch-September





3.20%

0 120/

# 15-0-15

# Tallahassee Nursery

I.D. #: 16-354-02

1.00% Water Soluble Magnesium (Mg)

SULFUR (S).....

3.20% Combined Sulfur (S)

Guaranteed	Analysis			
Guarante	Lawn Fertilizer	32-0-10	F 643	
with 2% Iron				
			32%	
Total Nitrogen (N)		000000000000000000000000000000000000000	3270	
0.9% ammoniacal nitrog	Jen .			
17.3% urea nitrogen 12.6% other water soluble nitrogen*				
12.6% Officer Water Suluble	trogen*			
1.2% water insoluble nitrogen*				
Soluble Potash (K20)10%				
Sulfur (S)			4%	
4.0% combined sulfur (S	S)		-01	
Iron (Fe) (Total)**			2%	
Derived from: urea, methyl	eneureas notassiul	m sulfate, ammo	nium	
Cultata ivan avine				
*Contains 10.5% slowly av	wileble methylenedi	urea,		
*Contains 10.5% slowly av	tor insoluble nitroge	n.		
dimethylenetharca and wa	lorado			
**No claim for iron in Col	iorauo.			

# 8-2-12

#### LESCO Palm & Tropical Ornamental Fertilizer

**GUARANTEED ANALYSIS** 

TOTAL NITROGEN (N)	8.00%
0.78% Ammoniacal Nitrogen	
7.22% Urea Nitrogen*	
AVAILABLE PHOSPHATE (P2O5)**	
SOLUBLE POTASH (K <sub>2</sub> O)***	
MAGNESIUM (Mg) Total	
3.00% Water Soluble Magnesium (Mg)	
SULFUR (S) Total	
9.50% Free Sulfur (S)	
15.50% Combined Sulfur (S)	
BORON (B) Total	0.15%
0.15% Water Soluble Boron (B)	
COPPER (Cu) Total	0.05%
0.05% Water Soluble Copper (Cu)	
IRON (Fe) Total	0.15%
0.15% Chelated Iron (Fe)	
MANGANESE (Mn) Total	
2.00% Water Soluble Manganese (Mn)	
ZINC (Zn) Total	0.15%
0.15% Water Soluble Zinc (Zn)	For Control College of Datash Mannaging College (Victoria) Control College

DERIVED FROM: Polymer Coated Sulfur Coated Urea, Polymer Coated Sulfur Coated Sulfate of Potash, Magnesium Sulfate (Kieserite), Copper Sulfate, Manganese Sulfate, Zinc Sulfate, Polymer Coated Sulfur Coated Ammonium Phosphate, Iron EDTA, Sodium Borate

<sup>\*5.40%</sup> Slowly Available Urea Nitrogen from Polymer Coated Sulfur Coated Urea.

<sup>\*\*1.30%</sup> Slowly Available Phosphate from Polymer Coated Sulfur Coated Ammonium Phosphate

<sup>\*\*\*8.10%</sup> Slowly Available Potassium from Polymer Coated Sulfur Coated Sulfate of Potash

#### Mulch

- •Organic Mulch
- •Gravel, Rock
- •Rubber Mulch
- •No Cypress Mulch
- •Mulch to the drip line





# Mulching

- •"Volcano Mulching"
- •Apply a 2-3" Layer
- •Chokes roots
- •Pests
- •Root rot



# Attracting Wildlife









### Managing Pests Responsibly

- •Integrated Pest Management
- Beneficial Insects
- •Scout
- Avoid routine applications of pesticides









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# Do You Need to Spray?





# Handpick Pests







#### Follow the Label-It is the Law!







# Recycle

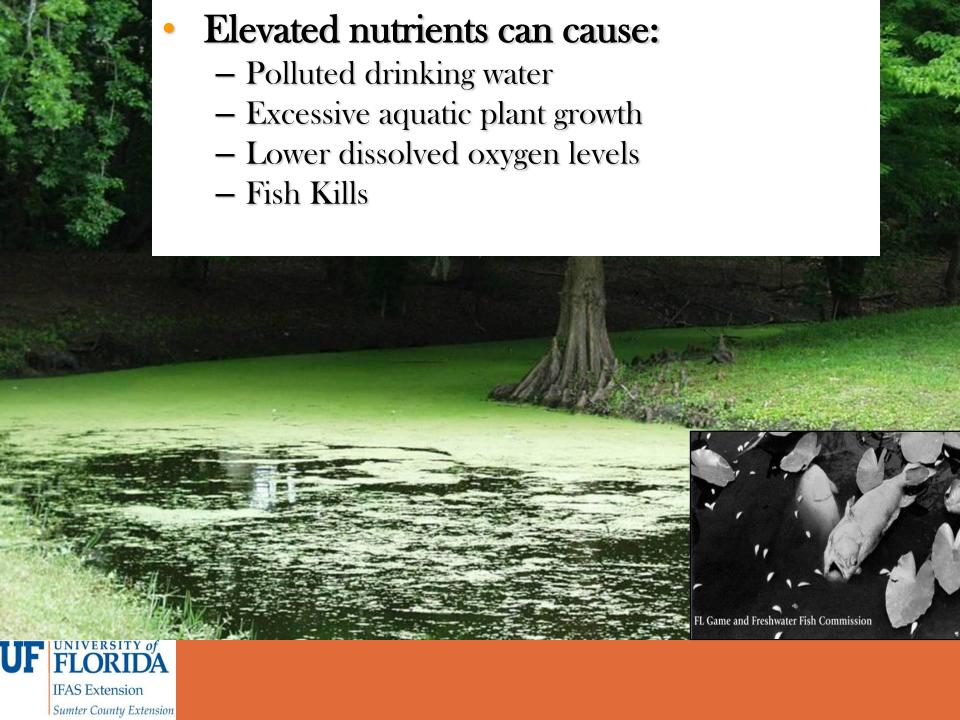




Stormwater Runoff - Rainwater that flows off yards, roads and parking lots, carrying pollutants into our waterways.







# Yaupon Holly *Ilex vomitoria*







# Walter's Viburnum



# Asiatic Jasmine



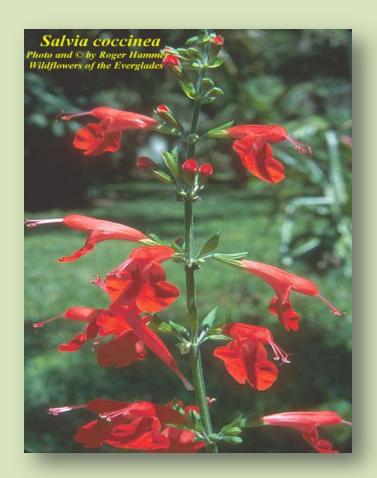
#### Blanket Flower



# Salvia 'Hot Lips'



### Salvia

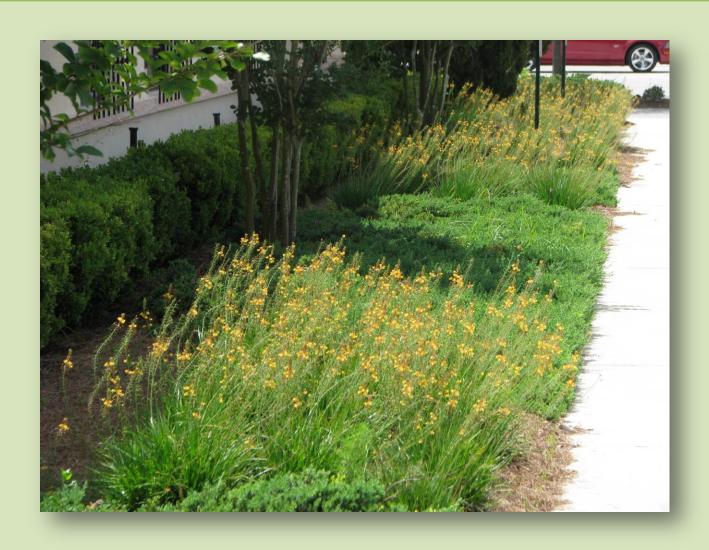




# Rosin Weed



#### Bulbine 'Hallmark'



# European Fan Palm



# Coral Honeysuckle



### Sabal Palmetto



# Florida-Friendly Landscaping PROGRAM PROGRAM

#### Florida Yards & Neighborhoods

The Florida Yards and Neighborhoods (FYN) Program is designed to educate homeowners and other community members about the benefits of Florida-friendly landscaping with the help of The Nine Principles to reach the goal of a Florida-Friendly Yard

Knowing ways to conserve water and energy in the landscape is a positive step towards helping the environment for future generations to enjoy! You not only reduce your maintenance, but minimize the amount of water, fertilizer and pesticides that need to be applied to your yard.

- ▶ Getting Started with Florida-Friendly Landscaping™
- Florida-Friendly Plant Resources
- Florida-Friendly Lawn Care
- Florida- Friendly Irrigation
- Florida-Friendly Fertilizing

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